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UNITED STATES OF AMERICA

10 February 2004

INTELLECTUAL PROPERTY LAW

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0	U.S. Postal Service
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Attorney Docket: P56974

Mail Stop: Patent Application Commissioner for Patents

Alexandria, VA 22313-1450

Sir:

Submitted herewith is the following patent application:

Inventor:

1) SHIN-WOONG KAY

Title:

CABLE MODEM THAT CAN PREVENT MODEM SIGNAL. FROM TRANSFERRING TO AN HFC NETWORK WHEN INTERNAL CIRCUIT OF THE CABLE MODEM OPERATES **ABNORMALLY**

Please find attached hereto an application for patent which includes: Specification and Abstract, Claims, original Declaration And Power of Attorney, Assignment, and a certified copy of the foreign priority document identified below:

Verified Showing of Small Entity Status: NO

Drawings: Formal drawings, 5 sheets, Figures 1 through 6

Claim of priority under 35 U.S.C. §119:

The Republic Of Korea Application No. 2003-9645 filed on 15 February 2003.

FEE (see formula below): CHECKS ARE ENCLOSED (#45284 & #45285)

Basic Fee \$385/770	\$ <u>770.00</u>
Additional Fees:	
Total number of claims in excess of 20: 13 times \$9/18	\$ <u>234.00</u> .
Number of independent claims in excess of 3: 2 times \$43/86	\$ <u>172.00</u>
Multiple Dependent Claims \$145/290	\$ <u>0.00</u>
An Assignment is likewise enclosed: Recording Fee \$40	\$ <u>40.00</u>
Filing Non-English specification	\$ <u>0.00</u>
TOTAL FEES FOR THE ABOVE APPLICATION	\$1,216.00

Docket No.: P56974

Inventor:

1) SHIN-WOONG KAY

Title:

CABLE MODEM THAT CAN PREVENT MODEM SIGNAL FROM TRANSFERRING TO AN HFC NETWORK WHEN INTERNAL CIRCUIT OF THE CABLE MODEM OPERATES

ABNORMALLY

Assistant Commissioner is authorized to charge our Deposit Account No. 02-4943 for any additional charges necessary towards payment of the filing fee for the above-referenced application. Please notify the undersigned attorney of any transaction regarding our Deposit Account.

In view of the above, it is requested that this application be accorded a filing date pursuant to 37 CFR 1.53(b).

Please address all correspondence to:

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Respectfully submitted,

Robert E. Bushnell

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REB/sb

PTO/SB/17 (08-00)

Approved for use through 9/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

S							Complete If Known											
FEE TRANSMITTAL								Application Number					To be Assigned					
Patent fees are subject to annual revision.								Filing Date					10 February 2004					
									First	First Named Inventor				SHIN-WOONG KAY				
									Exan	Examiner Name				To be Assigned				
									Group/Art Unit					To be Assigned				
TOTA	L AM	OUNT C	F PAY	MENT		/\$\ 1 216	. 00)	Attorney Docket No.				\dashv	P56974				
TOTAL AMOUNT OF PAYMENT (\$) 1,216.00									/ 11101					CALCULATION (continued)				
1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:							3. /	3. ADDITIONAL FEES										
Depos	sit Ad	count	Num	ber:	02-4	943		_	Large	Entity	Small	Entity						
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		e Any A	ditiona	al Fee Requir	ed U	nder 37 C.F	R.	§1.16 and	1051	130	2051	65	Sur	rcharge-late filing fee	or oath		\$	
1.17. Applicant claims small entity status. See 37 CFR 1.27								1052	50	2052	25	Sur	rcharge-late provision	\$				
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				CALCULA					1805	1,840 *	1805	1,840*		questing publication o	of SIR afte	er Examiner action	•	
1. B	ASIC	FILING	FEE						1251	110	2251	55	Ext	tension for reply withir	n first mor	nth	\$	
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1003	530	2003		Plant filing fe	• •				1402	330	2402	165		ling a brief in support of an appeal \$				
1004	770	2004		Reissue filin			\$		1403	290	2403	145		equest for oral hearing \$				
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SUBTOTAL (1) (\$) 770.00							1452	110	2452	55	Pet	tition to revive - unavo	oidable		\$.			
2. EXTRA CLAIM FEES							1453	1,330	2453	665	Pet	tition to revive - uninte	\$					
				Extra Claims		Fee from below		Fee Pald	1501	1,330	2501	665		lity issue fee (or reiss	ue)		\$	
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Independent 5 - 3** = 2 x \$86.00 = \$172.00 Claims					1807		1807			ocessing fee for provisional applications \$								
Multiple Dependent =							1806	180	1806	180	Sul	bmission of Information Disclosure Statement \$			\$			
** or number previously paid, if greater; For Reissues, see below Large Entity Small Entity							8021	40	8021	40		ecording each patent assignment per property imes number of properties) \$40.0						
Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee Description				1809	770	2809	385		ing a submission after final rejection 7 C.F.R. §1.129(a)) \$				
1201	86	2201		Independen			ess	of 3	1810	770	2810	385		or each additional invention to be examined 37 C.F.R. §1.129(b)) \$				
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1204	86	2204	43	** Reissue I	nde												V	
1205	original patent 205 18 2205 9 ** Reissue claims in excess of 20 and					Other Fee (specify)							\$					
				over origina	ver original patent			Other	Fee (spe	city)			<u> </u>					
SUBTOTAL (2) (\$) 406.00								** Reduced by Basic Fil				ling	ing Fee Paid SUBTOTAL (3) \$40.00					
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